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PATENT  
Docket No.: 2283/402

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Dirk Inze et al.	)	Examiner:
		)	Unknown
Serial No. :	09/938,342	)	
		)	Art Unit:
Cnfrm. No. :	1984	)	Unknown
		)	
Filed :	August 24, 2001	)	
		)	
For :	METHOD AND MEANS FOR	)	
	MODULATING PLANT CELL CYCLE	)	
	PROTEINS AND THEIR USE IN PLANT	)	
	CELL GROWTH CONTROL	)	

Commissioner for Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following disclosures, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Bell, M. H., et al. (1993) "Tobacco plants transformed with cdc25, a mitotic inducer from fission eyast" *Plant Molecular Biology*, 23:445-451.
2. Birck, C., et al., (1995) "Oligomerization state in solution of the cell cycle regulators p13<sup>suc1</sup> from the fission yeast and p9<sup>cksphy</sup> from the myxomycete Physarum, two members of the cks family" *FEBS Letters*, 363:145-150.
3. De Veylder, L., et al., (1997) "The Arabidopsis Cks1At protein binds the cyclin-dependent kinases Cdc2aAt and Cdc2bAt" *FEBS Letters*, 412:446-452.
4. Doerner, P., et al., (1996) "Control of root growth and development by cyclin expression" *Nature* 380:520-523.

5. Doonan, J., (1996) "Plant growth: roots in the cell cycle" *Current Biology*, 6(7):788-789.
6. Finley, R. L., et al., (1994) "Interaction mating reveals binary and ternary connections between Drosophila cell cycle regulators" *Proc. Natl. Acad. Sci.*, 91:12980-12984.
7. Finley, R. L., et al., EMBL Accession No. U40077, published January 2, 1996.
8. Grafi, G., et al. (1995) "Endoreduplication in maize endosperm: Involvement of M phase-promoting factor inhibition and induction of S phase-related kinases" *Science*, 269:1262-1264.
9. Grafi, G., et al. (1996) "A maize cDNA encoding a member of the retinoblastoma protein family: involvement in endoreduplication" *Proceedings of the National Academy of Sciences of USA*, 93(17):8962-8967.
10. Harini, I., et al., Abstract No. 85003, *Biological Abstracts*, Vol. 91.
11. Hemerly, A., et al. (1995) "Dominant negative mutants of the Cdc2 kinase uncouple cell division from iterative plant development" *Embo Journal*, 14(16):3925-3936.
12. John, P.C.L., et al., (1991) Abstract No. 16351, *Biological Abstracts*, BA92.
13. Nagl, W., (1993) "Induction of High Polyploidy in Phaseolus Cell Cultures by the Protein Kinase Inhibitor K-252A", *Plant Cell Rep.*, 12(3):170-174.
14. Nagl, W., et al. (1995) "cdc2-kinases, cyclins, and the switch from proliferation to polyploidization" *Protoplasma*, 188:143-150.
15. Newman, T., et al., EMBL Accession No. R87032, published August 19, 1995.
16. Newman, T., et al., EMBL Accession No. T88127, published April 1, 1995.

17. International (PCT) Publication No. WO 92/09685, published June 11, 1992.

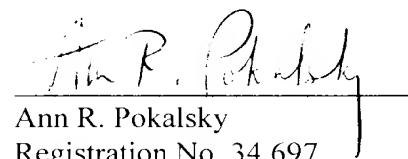
Pursuant to 37 C.F.R. § 1.98(d), copies of the above-listed publications are not provided, as the references were previously submitted to the Examiner in connection with the parent case, U.S. Serial No. 09/381,150 filed on March 13, 1998. Pursuant to 35 U.S.C. § 120, the filing date of U.S. Serial No. 09/381,150 (March 13, 1998), is relied upon in connection with the present application.

Consideration of this Information Disclosure Statement is respectfully requested, since the art provided may be material to the examination of the present invention as defined in 37 C.F.R. § 1.56(a).

Inasmuch as this Information Disclosure Statement is being submitted prior to the issuance of an Official Action on the merits, no fee, certification or petition is required by Applicants.

Respectfully submitted,

Date: November 13, 2001

  
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date below.

11/13/01 | *Maria Matos*  
Date | Maria Matos

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		2283/402	09/938,342
(use several sheets if necessary)		APPLICANT	Dirk Inze, et al.
(PTO-1449 )		FILING DATE	GROUP ART UNIT
		August 24, 2001	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE
	AH	WO 92/09685	06/11/1992	International (PCT)			
	AI						
	AJ						

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AK	Bell, M. H., et al. (1993) "Tobacco plants transformed with cdc25, a mitotic inducer from fission eyast" <i>Plant Molecular Biology</i> , 23:445-451.
AL	Birck, C., et al., (1995) "Oligomerization state in solution of the cell cycle regulators p13 <sup>ckp1</sup> from the fission yeast and p9 <sup>ckp2</sup> from the myxomycete Physarum, two members of the cks family" <i>FEBS Letters</i> , 363: 145-150.
AM	De Veylder, L., et al., (1997) "The Arabidopsis Cks1At protein binds the cyclin-dependent kinases Cdc2aAt and Cdc2bAt" <i>FEBS Letters</i> , 412:446-452.
AN	Doerner, P., et al., (1996) "Control of root growth and development by cyclin expression" <i>Nature</i> 380:520-523.
AO	Doonan, J., (1996) "Plant growth: roots in the cell cycle" <i>Current Biology</i> , 6(7):788-789.
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2283/402	SERIAL NO. 09/938,342
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## U.S. PATENT DOCUMENTS

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SCS	SCS	BA					
DEC 27 2001	SCS	BB					
PTO-1449	SCS	BC					
	SCS	BD					
	SCS	BE					
	SCS	BF					
	SCS	BG					

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	BH						
	BI						
	BJ						

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	BK		Finley, R. L., et al., (1994) "Interaction mating reveals binary and ternary connections between Drosophila cell cycle regulators" <i>Proc. Natl. Acad. Sci.</i> , 91:12980-12984.
	BL		Finley, R. L., et al., EMBL Accession No. U40077, published January 2, 1996.
	BM		Grafi, G., et al. (1995) "Endoreduplication in maize endosperm: Involvement of M phase-promoting factor inhibition and induction of S phase-related kinases" <i>Science</i> , 269:1262-1264.
	BN		Grafi, G., et al. (1996) "A maize cDNA encoding a member of the retinoblastoma protein family: involvement in endoreduplication" <i>Proceedings of the National Academy of Sciences of USA</i> , 93(17):8962-8967.
	BO		Harini, I., et al., Abstract No. 85003, <i>Biological Abstracts</i> , Vol. 91.
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OCT 27 2001 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE		FILING DATE August 24, 2001	GROUP ART UNIT

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	CA						
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	CE						
	CF						
	CG						

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	CH						
	CI						
	CJ						

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CK		Hemerly, A., et al. (1995) "Dominant negative mutants of the Cdc2 kinase uncouple cell division from iterative plant development" <i>Embo Journal</i> , 14(16):3925-3936.				
	CL		John, P.C.L., et al., Abstract No. 16351, <i>Biological Abstracts</i> , BA92.				
	CM		Nagl, W., (1993) "Induction of High Polyploidy in Phaseolus Cell Cultures by the Protein Kinase Inhibitor K-252A", <i>Plant Cell Rep</i> , 12(3):170-174.				
	CN		Nagl, W., et al. (1995) "cdc2-kinases, cyclins, and the switch from proliferation to polyploidization" <i>Protoplasma</i> , 188:143-150.				
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	DI						
	DJ						

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	DK		Newman, T., et al., EMBL Accession No. T88127, published April 1, 1995.				
	DL						
	DM						
	DN						
	DO						
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